



ALTERNATIVE TO PTO/SB/08a/b (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/618,403
				Filing Date	July 11, 2003
				First Named Inventor	Charles E. HEGER
				Art Unit	2858
Sheet	1	of	1	Examiner Name	V. Q. Nguyen
				Attorney Docket Number	549242002300

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
V.N.	1.	US-4,370,813	02-01-1983	Bumiski	33/291
V.N.	2.	US-5,541,727	07-30-1996	Rando et al.	356/149

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
V.N	3.	JP-08-005373	01-12-1996	Osaka Gas Co. Ltd.	Translation of abstract only	
V.N	4.	JP-2001-033241	02-09-2001	Yoshitaka	Translation of abstract only	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5.	International Search Report mailed on December 1, 2004 for PCT patent application no. PCT/US2004/022571 filed July 12, 2004, 4 pages.	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	V. Nguyen	Date Considered	3/2005
pa-947265			

Form PTO-1449

Docket Number 549242002300

Application Number 10/618,403

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Applicant

Charles E. HEGER

Filing Date July 11, 2003

Group Art Unit Not Yet Assigned

Mailing Date October 10, 2003

2858

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
V.N	1.	03/14/1989	4,811,491	Phillips et al.	33	366.12	
V.N	2.	04/18/1995	5,406,713	Oman et al.	33	366.12	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
		None / V.N

EXAMINER:

V. Nguyen

DATE CONSIDERED:

3/2005

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